8296D COMPUTER
SPECIFICATIONS.

Microprocessor	MOS 6502

Numeric data format

Floating point	Exponent 2 digit
Mantissa 9 digit	$-39 \leq E \leq 38$

System memory

18K ROM	2K RAM

User area

128K RAM

Keyboard

Qwerty layout 73 keys	Separate numeric pad

Display

80 column, 25 row green phosphor integral screen with full Commodore graphics and alphanumeric character set.

Input/output

IEEE-488	User port
Memory and I/O expansion Bus.	Cassette port

Language

Built in BASIC interpreter

Variables

Real, Integer, String

Array variables

Real, Integer, String-single and multi dimensional

System commands

LOAD, SAVE, DLOAD, DSAVE, RUN, STOP, END, CONT, PEEK, POKE, SYS, WAIT, USR, CATALOG, DIRECTORY, COPY, BACKUP, HEADER, CONCAT, SCRATCH, RENAME

Editing and formatting commands

LIST, REM, TAB, SPC, POS, CLR/HOME, INST, DEL, CRSR Controls, ESC, TAB Key

Array and string commands
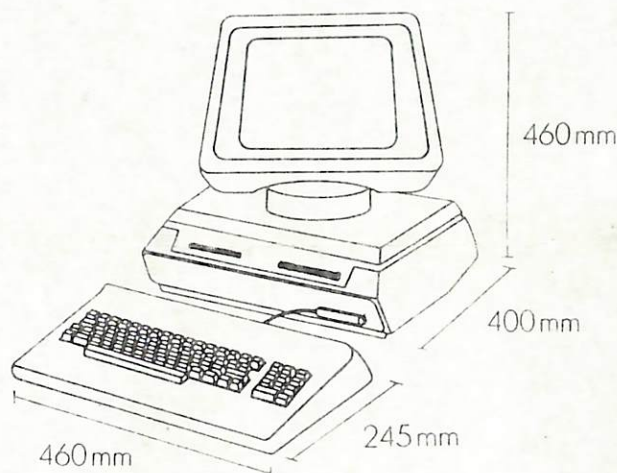
DIM, LEN, STR$, VAL, CHR$, ACS, LEFT$, RIGHT$, MID$

Input/output commands

INPUT, GET, DATA, READ, RESTORE, PRINT

Program flow

GOTO, IF ... THEN, FOR ... TO ... NEXT, GOSUB, RETURN, ON-GOTO, ON-GOSUB

File commands

OPEN, CLOSE, DOPEN#, APPEND#, DCLOSE#, RECORD#, PRINT#, GET#, INPUT#

Algebraic operators

=, +, -, *, /, ↑, <>, <, >, <=, >=

Logical operators

AND, OR, NOT

General specification

Physical dimension – see diagram
Power Source – 240V AC

Specifications correct at time of going to press. May be subject to alteration.

Dual Disk Drive

Drives per Unit	2
Heads per Drive	2
Formatted Storage	
Capacity per Unit	2.12 Mb
Max Sequential File	1.05 Mb
Max Relative File	1.04 Mb
Disk System Buffer	
Size of RAM (bytes)	4 Kb

DISK FORMATS

Cylinders (tracks)	77
Sectors per Track	23-29
Bytes per Sector	256
Blocks Free (unit)	8266

TRANSFER RATES (Bytes/Sec)

Internal to Unit	40 Kb
IEEE-488 Bus	1.2 Kb

ACCESS TIMES (Milliseconds)

Track to Track	5 ms	30 ms
Average Track	125 ms	750 ms
Average Latency	100 ms	100 ms
Motor Speed	300 rpm	300 rpm

Cᴸ commodore COMPUTER

With Compliments

ℂ commodore COMPUTER

SOME SUGGESTED SYSTEMS

	SUGGESTED RETAIL Including Tax
PROFESSIONAL SYSTEM – CONFIGURATION 1	
8296D – 128K COMPUTER WITH 2MB DUAL DISK DRIVE 8023P – DOT MATRIX PRINTER – 132 COL. 150 CPS PET CABLE	$4,132.00
PROFESSIONAL SYSTEM – CONFIGURATION 2	
8296 – 128K COMPUTER 8250 – 2MB DUAL DISK DRIVE 8023 – DOT MATRIX PRINTER – 132 COL. 150 CPS PET CABLE IEEE CABLE	$4,214.00
PROFESSIONAL SYSTEM – CONFIGURATION 3	
8296 – 128K COMPUTER 8050 – 1MB DUAL DISK DRIVE 4022 – DOT MATRIX PRINTER – 80 COL. 60 CPS PET CABLE IEEE CABLE	$3,729.00
HARD DISK SYSTEM	
8296 – 128K COMPUTER 9090 HARD DISK – 7.5MB CAPACITY 1001 SINGLE DRIVE – 1MB FLOPPY DRIVE BACKUP 8023P DOT MATRIX PRINTER – 132 COL. 150 CPS PET CABLE 2 x IEEE CABLE	$7,896.00
PROFESSIONAL WORD PROCESSING	
8296D – 128K COMPUTER WITH 2MB DUAL DISK DRIVE 6400 DAISY WHEEL PRINTER – 132 COL. 40 CPS PET CABLE	$5,392.00
PORTABLE WORD PROCESSING	
SX64 EXECUTIVE COMPUTER 1101 DAISY WHEEL PRINTER – 132 COL. 18 CPS	$2,248.00

This price list supersedes all previous Retail Price Lists.
Prices subject to change without notice.

Graphitype CC81.984

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